

Attention surface water systems serving less than 10,000

LT1 Enhanced Surface Water Treatment Rule effective January 1, 2005

The LT1 Enhanced Surface Water Treatment Rule (for systems serving less than 10,000 customers) becomes effective January 1, 2005. The primary purpose of the LT1 is to improve control of microbial pathogens in drinking water, particularly for the protozoan *Cryptosporidium*.

Filtered water turbidity requirements for LT1

- **Tighter turbidity standards.** The LT1 rule tightens the turbidity standards established for conventional and direct filtration under the Surface Water Treatment Rule (SWTR). It is assumed that the requirement to achieve 2 log (99%) removal of *Cryptosporidium* is being met when these turbidity standards are maintained.

The following table compares the turbidity performance standards under the two rules:

Requirement	SWTR	LT1
Combined effluent turbidity measured every four hours must not exceed in 95% of monthly measurements5 NTU	.3 NTU
Combined effluent turbidity must never exceed . . .	5.0 NTU	1.0 NTU

- **Individual filter turbidity monitoring.** Systems with more than two filters will also be required to conduct individual filter turbidity monitoring and respond to certain action levels if "turbidity excursions" occur.
Those systems with two filters may use the combined effluent turbidity to determine if excursions are occurring and diagnostic activities are needed.
- **Disinfection profiling required.** Disinfection profiling should have been completed by now, unless your system was excused from this requirement based on applicability sampling for Disinfection By-Products in 2002 or 2003.
- **Third-party verification.** Bag and cartridge filtration systems must have third-party verification that their equipment is capable of 2-logs (99%) removal of *Cryptosporidium*.

Deadline is January 1, 2005

DEQ has been providing updates and informational materials on this rule for a couple of years now. If any of these requirements seem new to you, or if you have any questions about what your system must do to comply, please contact your Regional DEQ Office as soon as possible.

Systems serving a population of less than 10,000 must comply with the LT1 no later than January 1, 2005.

Don't be surprised in January.

Guidance that explains this rule in detail is available on DEQ's web site at: www.deq.state.id.us/water/dw/pws_guidance_documents.htm. If you do not have Internet access, please call your Regional DEQ Office and request a copy of the rule guidance. ■

■ Minimize your sampling costs and time

To ensure that you receive credit for every sample submitted to your laboratory, it is important that you give the lab the following information:

- *contact person's full name (legible),*
- *contact person's telephone number (current),*
- *your public water system number (the seven-digit PWS#),*
- *ample source or location (e.g., Well #1, or street address, if for a residence),*
- *all tests you want the lab to complete (e.g., total coliform, nitrate, etc.).*

Providing your lab with complete information and documentation is just as important as being careful during a sample collection process.

If your lab does not have all of the required data, it may not be able to complete the testing correctly and you may not receive credit for your monthly sample(s). And more importantly, you will not receive the most current information regarding the quality of the water that your family, neighbors, and customers are drinking every day.

Please take the time to double-check that all required information is provided with your sample(s) when you leave samples at your lab. This action will protect you by reducing the possibility of having to re-collect water samples, pay additional analytical costs, or undergo unnecessary enforcement for failure to monitor.

Continuing Education Units (CEUs)

Q&A for Licensed Drinking Water Operators

Q. Can I carry over CEUs earned in one year to the next?

A. If a licensed operator exceeds the annual requirement (0.6 CEUs) in any renewal period, a maximum of 0.6 CEU units may be carried forward into the next renewal period. Those same units may not be carried forward for more than one renewal cycle.

Q. Who keeps a record of my CEU units?

A. You do. Operators are to track their own CEUs. IBOL does not record your CEUs, but does require applicants to sign an affidavit certifying that they have “met the continuing education requirements” as prescribed by law and that they have documented proof of their attendance.

Q. What’s this about CEU audits?

A. Applicants will be subject to a random CEU audit with each renewal. If your application is selected for audit, IBOL may require verification of attendance to ensure compliance with the CEU requirements.

You should maintain all proof of attendance documentation for any CEU you have completed for a minimum of three years in case you are audited. Check the specific requirements for your license. ■

TRAINING SCHEDULE

Class/Sponsor	Location/Date
<i>Water System Admin. for Operators (IRWA)</i>	<i>Coeur d’Alene, Nov 1</i>
<i>Water System Admin. for Operators (IRWA)</i>	<i>Moscow, Nov 4</i>
<i>Logoons Operation & Maintenance (BE)</i>	<i>Sandpoint, Nov 3-4</i>
<i>Disinfection Technology (BE)</i>	<i>Grangeville, Nov 9</i>
<i>Records & File Mangement (BE)</i>	<i>McCall, Nov 10</i>
<i>Water System Admin. for Operators (IRWA)</i>	<i>St. Anthony, Nov 16</i>
<i>Pumps/Motors (BE)</i>	<i>Fruitland, Nov 16</i>
<i>Water System Admin. for Operators (IRWA)</i>	<i>Twin Falls, Nov 18</i>
<i>Disinfection Technology (BE)</i>	<i>Gooding, Nov 30</i>
<i>Basic Electric & Control Troubleshooting (IRWA)</i>	<i>Weiser, Nov 30</i>
<i>Biological Treatment (BE)</i>	<i>Meridian, Dec 1-2</i>
<i>Basic Electric & Control Troubleshooting (IRWA)</i>	<i>Grangeville, Dec 2</i>
<i>Disinfection Technology (BE)</i>	<i>Bonnors Ferry, Dec 7</i>
<i>Records & File Mangement (BE)</i>	<i>Sandpoint, Dec 8</i>
<i>Basic Electric & Control Troubleshooting (IRWA)</i>	<i>Preston, Dec 14</i>
<i>Secondary Contaminants (BE)</i>	<i>Boise, Dec 14</i>
<i>Basic Electric & Control Troubleshooting (IRWA)</i>	<i>Wendell, Dec 16</i>
<i>Secondary Contaminants (BE)</i>	<i>Pocatello, Dec 16</i>
<i>Water Calculations (BE)</i>	<i>Idaho Falls, Dec 21</i>

For further information, contact the following:

(BE) = Brown Environmental, Inc. 1-800-543-4358 or for the Boise area, 1-208-465-5725.

Web site: www.idahooperatortraining.com.

(IRWA) = Idaho Rural Water Association, 1-800-962-3257 or 1-208-343-7001.

Fax: 1-208-343-1866. E-mail: irwa@idaboruralwater.com.

Web site: www.idaboruralwater.com/index2.htm.

Costs associated with this publication are available from the Department of Environmental Quality. Cost per unit: \$0.21 Printed on recycled paper. ♻️